



## **Undersea Technology Apprentice Program Naval Undersea Warfare Center Division Newport**

The Naval Undersea Warfare Center (NUWC) provides full-spectrum support for all aspects of undersea warfare (USW) for surface ships and submarines. We are the pre-eminent Navy resource for sonar, torpedoes, undersea warfare combat systems, undersea ranges, and autonomous undersea vehicles with unique in-house facilities, providing innovative USW solutions for the U.S. Navy of today and tomorrow.

The development of the next generation of scientists and engineers, which the U.S. Navy and economy are depending upon, is important to us. NUWC Division Newport has played a role in a variety of educational initiatives over the past few years, all with one goal – to expose students to the wonders of science and engineering. The **Undersea Technology Apprentice Program** was developed to provide an opportunity for up to 20 students to study part time for three weeks during the summer alongside NUWC Division Newport scientists and engineers. In the process, students gain valuable insights by working with advanced technology while developing real-world applications of science and math lessons learned at school.

**There will be two open sessions: July 6-22, 2021 and July 26-Aug. 12, 2021.** Students are required to attend program sessions Monday through Thursday, from 8 a.m. to 1 p.m. (except for the week of July 5, which will run Tuesday through Friday.)

Student applications will be evaluated on the thought put into their essays, a letter of recommendation and transcripts. In order to provide the opportunity to as many students as possible, new applicants will be given first priority. We expect students who apply to make this program their first priority during these three weeks; sports, band and other school activities will not be considered an excused absence from the program. If you have conflicts, the program slot will be given to another student. Students can select a preference for which session they would like to attend, but we cannot guarantee which session a student will be placed in.

Students must be under 18 years of age throughout the program and be U.S. citizens. The program is open to rising sophomores, juniors and seniors only. Students who attend all sessions and complete the program will receive a \$500 stipend. The program application is on pages 2-4. **The application deadline is Wednesday, March 31, 2021.** Please note that all application materials must be included for a student to be considered for an internship. Students will be notified at the beginning of May.

Applications should be submitted by email only to Candida Desjardins at:

[NUWC\\_NPT\\_Outreach@navy.mil](mailto:NUWC_NPT_Outreach@navy.mil)

U.S. Navy computers CANNOT access Google Docs.

Program questions may be directed to:

Candida Desjardins, director, Educational Outreach

401-536-8808,

[candida.desjardins@navy.mil](mailto:candida.desjardins@navy.mil)

Student's Name: \_\_\_\_\_  
Last First

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Email: \_\_\_\_\_

Parent's Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Home Telephone #: \_\_\_\_\_ Cell Phone #: \_\_\_\_\_

Parent's Email: \_\_\_\_\_

What grade are you in currently? \_\_\_\_\_

Have you attended a previous session of UTAP? \_\_\_\_\_

Have you participated in any other STEM programs (SeaLab, FIRST Robotics, etc.)?

Please list: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Place of Birth: \_\_\_\_\_

Session Preference: 5 July – 22 July 2021      26 July – 12 August 2021

Student signature: \_\_\_\_\_

Parent or Guardian Signature: \_\_\_\_\_

Because of the ongoing pandemic, the NUWC Outreach Program will be following strict safety precautions that must be followed to participate in the program. Students will be expected to **strictly adhere to all safety guidelines**, regardless of vaccination status or any other conditions that may apply. Students found not following the safety guidelines more than once will be expelled from the program without a stipend.

### **Undersea Technology Apprentice Program Code of Conduct**

- 1) The UCTOC will be set up for proper social distancing. All students are expected to adhere to the guidelines.
  - a. Sessions will be five hours/day – four days a week – to allow for thorough cleaning of the UCTOC on a weekly basis
  - b. No shared tools and no students moving between groups.
  - c. Tools and computers will be routinely disinfected
  - d. Hand sanitizer will be available
- 2) Masks must be worn at all times (over the nose) – no exceptions.
- 3) Students will be screened daily when they come in. Temperatures will be taken each day as students come into the UCTOC. If you are not well, stay home.
- 4) You must have some form of picture ID with you at all times. For those of you who are not yet driving, you can use a school id with your picture.
- 5) Dress code: Please wear work clothes – the program is hands-on and we don't want personal items ruined. Closed-toed shoes are required (no exceptions). Long hair **MUST** be pulled back at all times. Do not wear metal jewelry. T-shirts and shorts are acceptable, but please make sure that T-shirts do not have any offensive or inappropriate sayings on them as this is a place of business. Very short shorts or skirts are also not appropriate (if in doubt – use the fingertip rule – place your arms at your sides – your shorts or skirts should be as long as your fingertips).
- 6) Cell phones will be checked at the door when you arrive. Students may check their phones for messages during break time.
- 7) Since we are running until 1 p.m., we will be taking a break mid-morning. We do not have a water fountain in the UCTOC, but please feel free to bring a water bottle with you. It is important to remain hydrated. Snacks are permitted outside or in a designated area during break time, but there will be no sharing of food. Proper hand hygiene will be adhered to before and after break time.
- 8) If you have a health issue that we need to be aware of (allergies, etc.), please let us know.
- 9) Safety rules will be reviewed at the start of the program. Students are expected to follow all safety guidelines at all times.

I acknowledge the UTAP Code of Conduct and understand violation of any of these rules is cause for immediate dismissal from the program.

---

Student signature

---

Parent signature

Please attach the following to your application email:

1. Application Form
2. Code of Conduct - Signed by student AND legal guardian
3. School transcript, with grades through the second quarter of this year. (Unofficial transcripts will be accepted, report cards will not.)
4. Three essays (minimum 400 words per essay) that address the following topics:
  - a) Although it is early in your high school career, what career fields do you wish to pursue in college and why?
  - b) There are a lot of internship programs out there, why are you applying to this program in particular?
  - c) What is something you taught yourself how to do during the pandemic?

In addition, please have a teacher or mentor (who is not a family member) send us a letter of recommendation from their school email address. The subject line must read “UTAP Recommendation” and the student’s name. Please have them address their letter of recommendation to:

Subject: UTAP Recommendation (Student Name)

To: [NUWC NPT Outreach@navy.mil](mailto:NUWC_NPT_Outreach@navy.mil)

Reminder: U.S. Navy computers cannot access Google Docs. Forms should preferably be sent in the form of a pdf.